

Message

From: Compher, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E258CB856E3D4AE6BACCA7FA48CA827A-MCOMPHER]
Sent: 3/20/2017 2:10:25 PM
To: Kelley, Anna [Anna.Kelley@hamilton-co.org]
Subject: RE: special data request: Follow-up from email sent earlier today

Thanks Anna!

Michael Compher
Chief, Air Monitoring and Analysis Section
Region 5 Air and Radiation Division
U.S. Environmental Protection Agency
Phone: 312-886-5745

From: Kelley, Anna [mailto:Anna.Kelley@hamilton-co.org]
Sent: Monday, March 20, 2017 8:58 AM
To: Compher, Michael <compher.michael@epa.gov>
Subject: RE: special data request: Follow-up from email sent earlier today

We checked our null codes for the ozone data from all our sites for the time period 2014-2016. No data were invalidated due to a failed precision check. The reasons for invalid data at any of our sites was due to equipment failure such as pump failures or room temperature issues. We maintain a high capture rate. Because we run the autocalcs and pcs (one point quality checks), we are able to catch any point getting near the limit of 7% (+/-) and correct if needed.

While we can't speak for others in the state, this is the information we can provide based on our data.

thanks -

*Anna L. Kelley
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From: Kelley, Anna
Sent: Monday, March 20, 2017 7:32 AM
To: Compher, Michael
Subject: RE: special data request

Hey Michael,

I thought about this email a little more on my drive home on Friday. Since Ohio EPA cannot access that data from the locals at this time, would you like for us to send any related information we have that we can get our hands on quickly? I'm sure we have some but don't know how quickly we can get something together for you - maybe can only get data from a couple sites right away.

I'll talk with Christina and Chris and see if that data is readily available - something we don't have to put too much work into. I'm sorry I didn't take this angle sooner. Sometimes, I do get calls and emails - out of the clear blue, asking me to decipher emails or wanting to know what is really wanted and I have to explain. Part of me is really sad I didn't take the position - I guess I need to learn to negotiate better. :-)

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From: Compher, Michael [compher.michael@epa.gov]
Sent: Friday, March 17, 2017 10:46 AM
To: Kelley, Anna
Subject: FW: special data request

Hi Anna,

Happy St. Patrick's Day to you as well. Here's the information request I referred to in our call yesterday. States have reported varying degrees of difficulty identifying this information in their data systems, so my question to you was more about whether the OEPA would have access to this level of data from the LAAs. We've heard from all but Wisconsin and Ohio, and are going to take a close look at any responses received on Monday.

Michael Compher
Chief, Air Monitoring and Analysis Section
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From: Compher, Michael
Sent: Monday, March 13, 2017 3:37 PM
To: 'Kilmer, Susan (DEQ)' <KILMERS@michigan.gov>; 'Strassman, Rick (MPCA)' <rick.strassman@state.mn.us>; 'Bloomberg, David E.' <David.Bloomberg@Illinois.gov>; 'Zeiler, Dick' <DZEILER@idem.IN.gov>; 'paul.koval@epa.ohio.gov' <paul.koval@epa.ohio.gov>; 'Praedel, Katie - DNR' <Katie.Praedel@wisconsin.gov>
Subject: special data request

State Monitoring Managers,

As all of you know, EPA is looking closely at ozone data. Discussions within EPA have shifted from zero-corrections to the implementation of the ozone data validation templates, specifically, the +/-7% criteria for QC checks. After review of all of your QAPPs, we've confirmed that all R5 States have 7% listed as the QC check acceptance criteria (that's great, for R5!). Next, we are looking at AQS to identify instances when you have ozone QC checks above/below +/-7%, as well as the ambient data collected (invalidated or not) prior to that check. However, we cannot identify in AQS any checks that exceeded +/-7% that were invalidated and therefore not reported to AQS. For those of you less familiar with AQS, null ambient data in AQS often includes a null data flag indicating a rationale for the absence of a value. QC data doesn't have this function and therefore there is no indication that a QC check was attempted but for some reason was determined to be invalid and not reported to AQS.

I am requesting that each of you query your internal data systems and provide a list (include the site id and date) of all ozone QC checks that exceeded +/-7% in 2014 – 2016. Some of these checks may have been reported to AQS, others may not have been reported due to implementation of your QAPPs' validation criteria. If you have local agency or tribal agencies that report through the State as part of a 'State-led' PQAQO, please include those monitoring organization's results as well. If possible, please provide this by COB Friday, March 13th. If this deadline poses challenges, please reply back to let me know when I could reasonably expect a response from you. Once R5 has this information, we will be closely looking over it and will follow-up if any additional questions emerge.

Thanks for your attention and let me know if you have any questions,

- Michael

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